IPC 2855 A "Smart" structured network camera

product features

-Integrated delivery design, easy installation

-1 / 1.8 inch, 8 megapixel line by line scan image sensor

–H.264、H.265 Video encoding, 4K HD real-time image output

-Support 0.0002 Lux, starlight level ultra-low illumination imaging

-Support for backlight compensation, strong light suppression, automatic electronic shutter function

-Support TF card local storage, support broken chain transfer (ANR) function

-Support image flipping, image shading, 3D noise reduction, mobile detection, virtual focus detection, -shading alarm, video freezing, abnormal linkage and other functions

-Support the IP67 protection level

-Support for Beidou / GPS dual-mode positioning

-Support for view library standards

-Support the detection, tracking and snapshot capture of vehicle targets and personnel targets

-The extraction of person / car classification, speed, direction

-Support license plate plate, color, type, vehicle color, type, color depth, manufacturer, sub-brand, year and other vehicle attribute analysis

-Support for front-end face comparison

-Support for front-end license plate comparison

-It is suitable for places requiring high-definition and real-time picture quality and video structured analysis in safe city
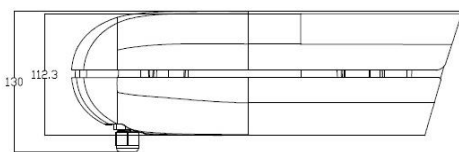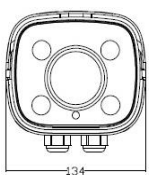
Order model
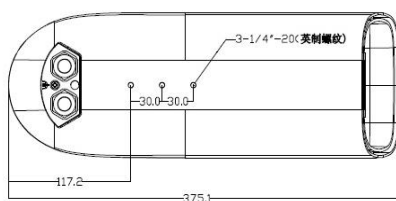
IPC 2855-Fi7N

technical parameter

model	IPC 2855
camera	
imaging sensor	8 million 1 / 1.8 " line scan image sensor
camera lens	A 10-50mm zoom lens
automatic diaphragm	PIRIS precision aperture control with F 1.3 to F 1.5 constant aperture
minimal illumination	Color: 0.0001 Lux Black and white: 0.0001 Lux, which supports all-weather color images
shutter	1 ~ 1/30000s
Day and night conversion mode	ICR color turned black
Wide Dynamic	support
white balance	Manual / automatic

gain control	Manual / automatic
Digital noise reduction	3D digital noise reduction
Backlight compensation	support
video frequency	
Codec format	H.265（Main Profile）/H.264（BaseLine Profile/Main Profile/High Profile ）/MJPEG
resolution ratio	3840×2160
Video frame rate	1 ~ 30fps
Video code rate	32Kbps ~ 32Mbps
Multi-code flow	Three code streams: 38402160 @ 25 fps + 1080 P @ 25 fps + 1080 P @ 25 fps + 1080 P @ 25 fps Four-yard stream: 1080 P @ 25 fps + 1080 P @ 25 fps + 1080 P @ 25 fps + 1080 P @ 25 fps
Code rate control	CBR/VBR
Subtitle Settings	Time, date table are displayed, and subtitles can be set
Privacy block	support
Image Settings	Brightness, contrast, saturation, and sharpness
Mobile detection	support
Image flip	Turn it up and down, center, left and right
Strong light inhibition	support
orientation system	Support for GPS / Beidou positioning
Network function	
Number of user visits	20
networking protocol	Support HTTP / TCP / IP protocol, should extend to support DHCP, DNS, SIP, RTSP, RTP, RTP, RTCP, DDNS, PPPoE, NAT, 802.1X, QoS, UPnP, SMTP network protocol, and support IPC multicast technology
Interconnection standard	Onvif, SIP
memory function	Support TF card storage and support ANR
system function	
system recovery	support
Heart beat function	support
API	SDK, View Library, and FTP
safety	Multi-level user management, and password protection
Intelligent function	
Intelligent function	**Video Structured Intelligent Analysis Function:** 1. Automatic detect and track personnel and vehicle targets in the video screen 2. Automatic capture the best snapshot of face targets, personnel targets, non-motor vehicle and vehicle targets

	3. Face attributes can be analyzed: age, gender, mask, glasses, facial expression, posture, hair style, hair color, hat, etc 4, can analyze the attributes of personnel: clothing color and texture style, backpack, cycling, etc 5. Analysis of vehicle attributes: license plate plate, color, type, vehicle color, type, color depth, manufacturer, sub-brand, year and other information 6. Support the front-end face comparison of the maximum 5W face library 7. Support the front-end license plate comparison of the largest 5W license plate library
peripheral interface	
network interface	1×RJ45, 10Base-T/100Base-TX
Positioning interface	GPS / Beidou dual-standard positioning interface
Audio interface	1×Line In, 1×Line Out
control interface	1×RS485
Alarm interface	2 switching quantity input, 1 switching quantity output
memory interface	1 Built-in memory card (256G)
Power interface	1 AC24V, with an external adapter
Java runtime environment Java	
operating ambient temperature	−40℃ ~ 70℃
Humidity of working environment	10％ ~ 95％
levels of protection	I P67
source	AC24V
power dissipation	≤36W
physical characteristics	
weight	3 Kg (including package)
Physical size	375.1mm×130mm×134mm
way to install	Support for multiple installation methods

outline dimension

Recommended accessories

Universal joint bracket: CM-W12	Wall-mount: CM-W15	Lifting: CM-W21	Power supply: AC24V / 60W